

SREE AYYAPPA COLLEGE, ERAMALLIKKARA
DEPARTMENT OF COMPUTER SCIENCE
PG Bridge Course Report (2019-2020)

A bridge course was conducted by the department of Computer Science on 6th January 2020 and 7th January 2020. Among the 11 students admitted to MSc Computer Science(2019 admn) 5 non Computer Science students were participated in the course. A brief report of the sessions are attached herewith.

Faculty: Prof. Jisha Nair
Subject: Current Trends in IT

A session on **Current Trends in IT** is carried out during 9.45AM -10.45AM on 06/01/2020. The session included Introduction- Machine Learning- Cyber Security - Artificial Intelligence & Robotics Internet of Things.

Faculty: Shibu V
Subject: Java Programming

A session on Java Programming was scheduled during 10.45AM-11.45AM on 06/01/2020. During the session Abstraction, Inheritance Polymorphism, Overriding, Access specifier, Interface, Package, Exception Handling were covered.

Faculty: Reshma Dharman
Subject: C++

An introductory session about computer Fundamentals were carried out during 11.45AM-12.45 PM of 06/01/2020. During the session the topics covered were history of c++, basic concepts of OOP –Object, Classes, Polymorphism, Abstraction, Encapsulation, Message Passing and Difference between C, Java and C++.

Faculty: Nimisha Philip
C++ Programming Lab

The C++ programming lab is carried out during 1.30PM-2.30 PM on 06/01/2020. In the session a hands on lab programs demonstrating the concepts of classes, method overloading and operator overloading was carried out.

Faculty: Saraswathy C
Subject: Algorithms

A session on Algorithms and program was carried out during 2.30PM-3.30PM on 06/01/2020. During the session the following topics were covered- Complexity and Format of algorithm, sample, algorithms and programs 5 students attended the session.

Faculty: Ms Saranya P M
Subject: Lab session for Java Programming

The Java programming lab is carried out during 9.45 AM- 10.45 AM on 07/01/2020. During the session programs demonstrating the concepts of method overriding, method overloading, interfaces and exception handling were carried out.

Faculty: Prof. Sreelekshmi A N

Subject: Web Designing

A session on web designing was conducted from 10.45 AM- 11.45AM on 07/01/2020. It was useful session with the topics Introduction to Web design, HTML, CSS

Faculty: Prof. Sreelekshmi A N

Subject: Web Programming Lab

The Web programming lab session was included in the course from 11.45 AM- 12.45 PM on 07/01/2020. During the session programs demonstrating the concepts of various tags in HTML and CSS was carried out.

Faculty: Dr. Sreedevi S

Subject: Research Orientation

A session on Research Orientation was also included during 1.30PM-2.30PM on 07/01/2020. An introduction to Research work, Familiarization of Research papers and report writing were covered in due course.

Examination and Feedback

Examination of Bridge course was conducted by **Mr. Shibu. V** during 9.45 AM -10.45 AM on 08/01/2020. An objective type examination consisting of 50 questions was conducted and evaluated. The course was very effective and helpful to the students to get familiar with various subjects on Computer Science. The students participated in the course scored excellent marks in the examination conducted towards the end of the course. Finally, a feedback for the programme was collected from the students and the data is attached to this report

Outcome of the course

- ✓ It has taken students on a positive journey of active learning.
- ✓ It has provided students with the confidence and skills to successfully adapt to college.
- ✓ It has helped students for enhancing critical thinking skills through self-inquisition and classroom experiences.
- ✓ Student will be able to develop strategies and resources for the bigger challenges knowledge and the confidence needed to take on bigger challenges.
- ✓ Students have been well versed with the fundamentals of the Computer Science subjects.

It has given students a glimpse of the emerging technologies, job opportunities and the interdisciplinary applications of Computer Science.

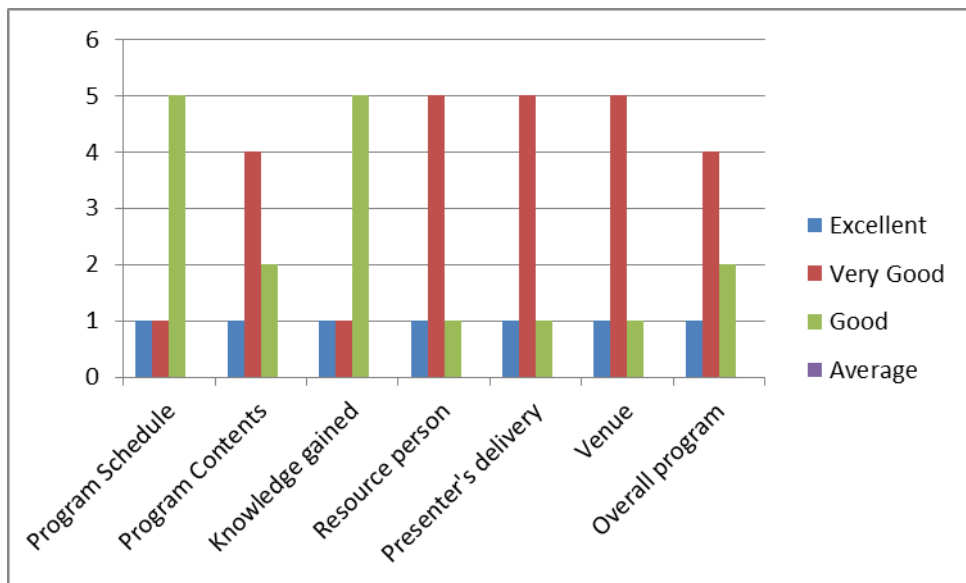


Fig. Feedback Analysis of the Bridge course for PG students

Glimpses of the Bridge Course held

